

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of ) **MAIL STOP** \_\_\_\_\_  
Martin Dybendal Nielsen et al. )  
Application No.: 10/599,057 )  
Filing Date: September 19, 2006 ) Group Art Unit:  
Title: OPTICAL COUPLER DEVICES, ) Examiner:  
METHODS OF THEIR PRODUCTION ) Confirmation No.:  
AND USE )  
)

**FIRST  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a FIRST Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- No additional fee for submission of an IDS is required.
- The fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e), and the fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- Charge \_\_\_\_\_ to credit card for the fee due. Form PTO-2038 is attached.
- The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date December 21, 2006

By: William C. Rowland  
William C. Rowland  
Registration No. 30,888

P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed, except for the US publications and patents.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

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**FIRST**  
**INFORMATION DISCLOSURE**  
**STATEMENT BY APPLICANT**  
 (use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/599,057
Filing Date	September 19, 2006
First Named Inventor	Martin Dybendal Nielsen et al.
Examiner Name	
Attorney Docket No.	1034279-000029

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	6,631,234		Russell et al.	10-07-2003
	6,112,555		Bloom	09-05-2000
	5,907,652		DiGiovanni et al.	05-25-1999
	5,864,644		DiGiovanni et al.	01-26-1999
	6,778,562		Bayart et al.	08-17-2004
	5,935,288		DiGiovanni et al.	08-10-1999
	20020114574	A1	Chandalia, Juhi et al.	08-22-2002

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS					Cited in Spec
					Translation	Eng Lang. Summary	Partial Translation	Search Report	IPER	
	* 2 386 435	A	United Kingdom	09-17-2003						X
	* 1 286 191	A2	Europe	02-26-2003						X
	* 1 199 582	B1	Europe	09-29-2004						X
	* WO 01/96920	A2	Wipo	12-20-2001						X
	* WO 03/079077	A1	Wipo	09-25-2003						X
	* WO 02/084350	A1	Wipo	10-24-2002						X
	* WO 03/019257	A1	Wipo	03-06-2003						X
	* WO 03/038486	A2	Wipo	05-08-2003						X
	* WO 03-032039	A1	Wipo	04-17-2003						X
	* WO 99/00685	A1	Wipo	01-07-1999						X
	* WO 03/078338	A2	Wipo	09-25-2003						X
	* WO 2005/091029	A2	Wipo	09-29-2005						X

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	* Bjarklev, Broeng, and Bjarkley in "Photonic crystal fibres", Kluwer Academic Press, 2003, Chapter 4, pp.115-130
	* Broeng et al, Optical Fibre Technology, Vol. 5, pp. 305-330, 1999

**\* Copy Attached**

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.